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INTRODUCTION

How to disassemble the fan of a Sony Vaio VGN-S260 laptop



TOOLS:

- [Phillips #00 Screwdriver](#) (1)
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Step 1 — Battery



- Flip the laptop over so the Vaio logo is facing down
- Locate the battery at the top and Find the release and unlock slides on the battery
- Slide the unlock tab to the unlock position
- Slide the release tab in the direction of the arrow, i.e. towards the unlock tab

Step 2



- With the tabs still in the unlock position, slide the battery away from the main case.

Step 3 — Keyboard



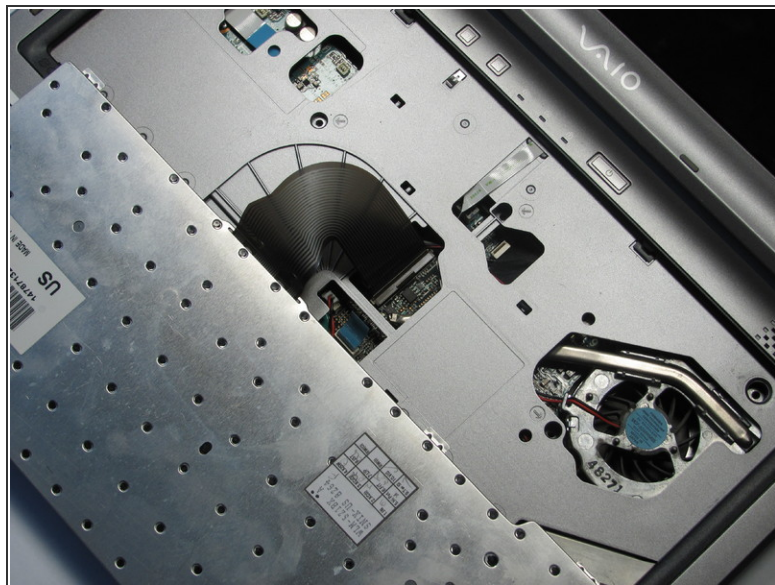
- Flip the computer over so the Vaio logo is facedown
- Unscrew the 2 screws next to the battery

Step 4



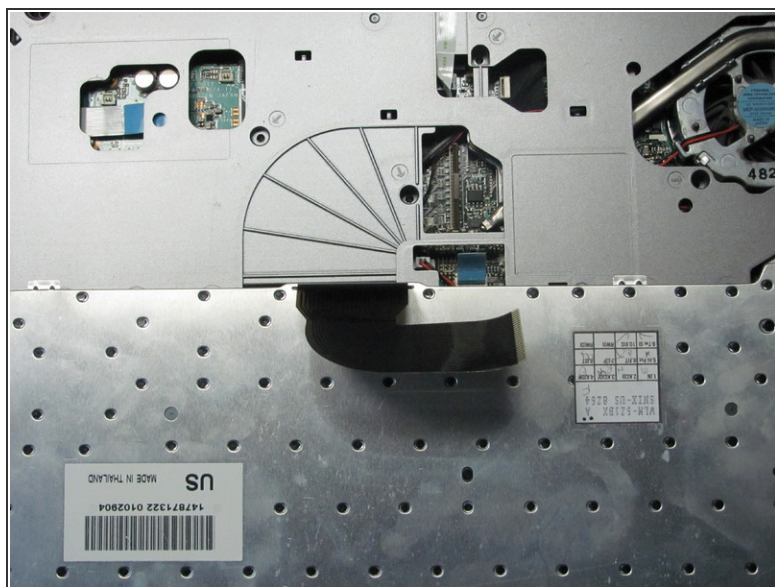
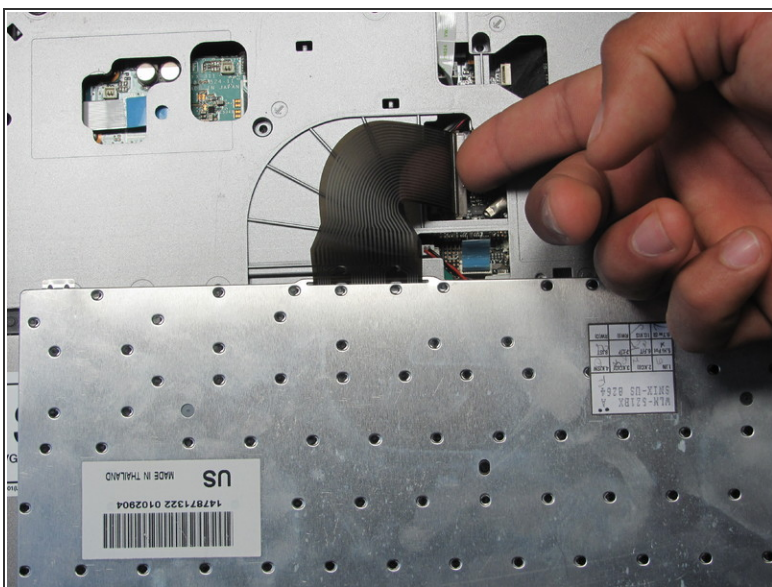
- Flip the computer over again so the Vaio logo is face up
- Open the lid

Step 5



- Press down on the outer gray shell around the keyboard
 - Use the spudger to gently lift keyboard
- ⚠ Do not pull up the keyboard too far as it is attached to a ribbon underneath

Step 6



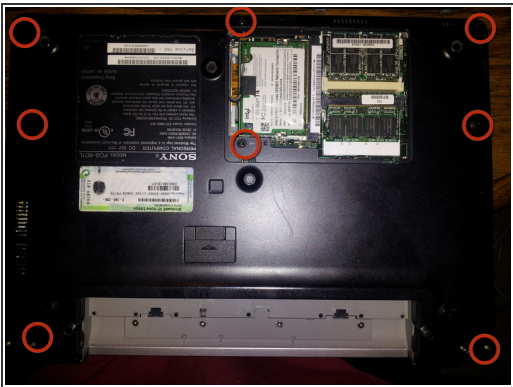
- Lift up lever underneath the ribbon to detach the keyboard.

Step 7 — Upper Casing



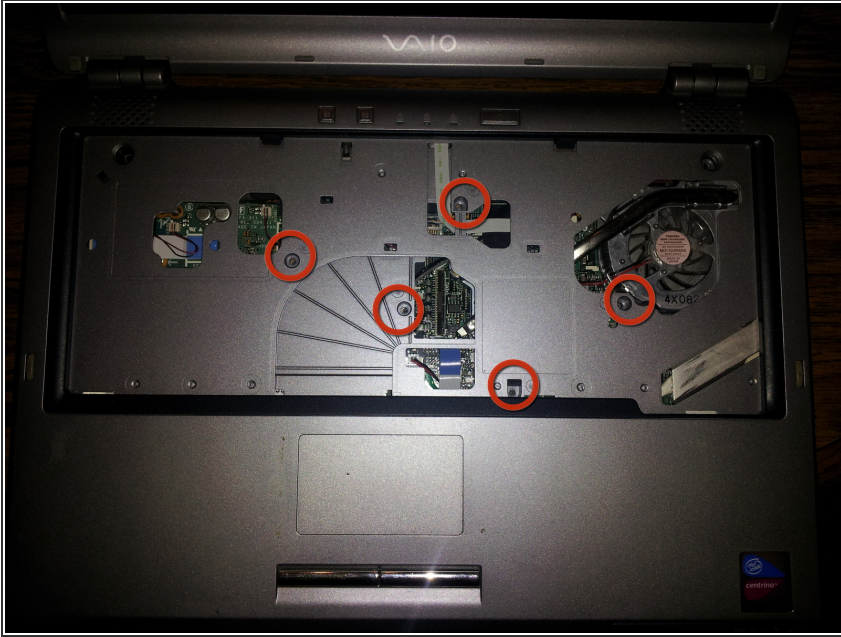
- Remove memory/wireless compartment cover

Step 8



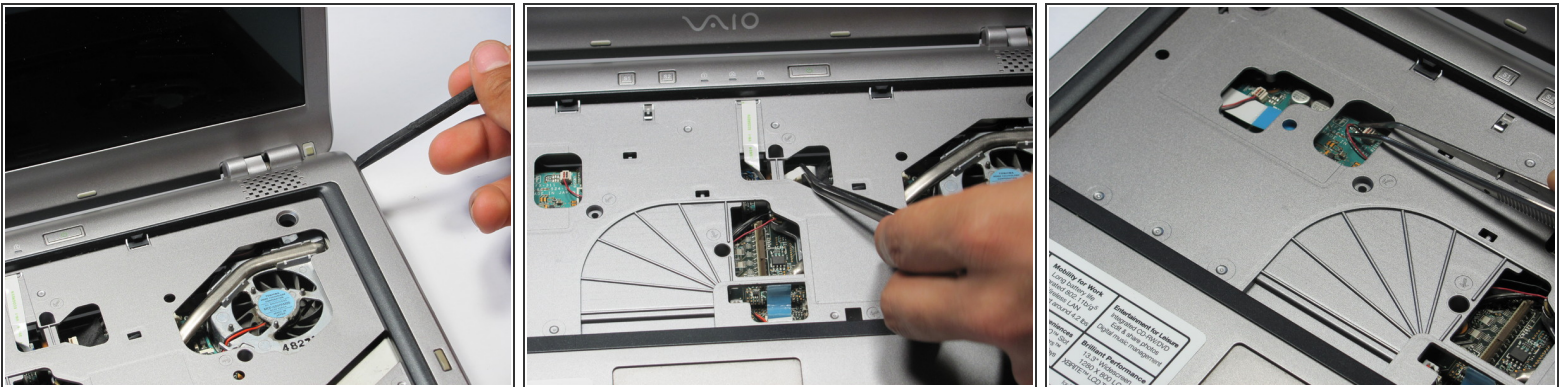
- Flip so the Vaio Logo is face down
- Locate and remove a total of 8 screws on the bottom.

Step 9



- Find and remove 5 screws (they all have arrows next to them) from cover

Step 10



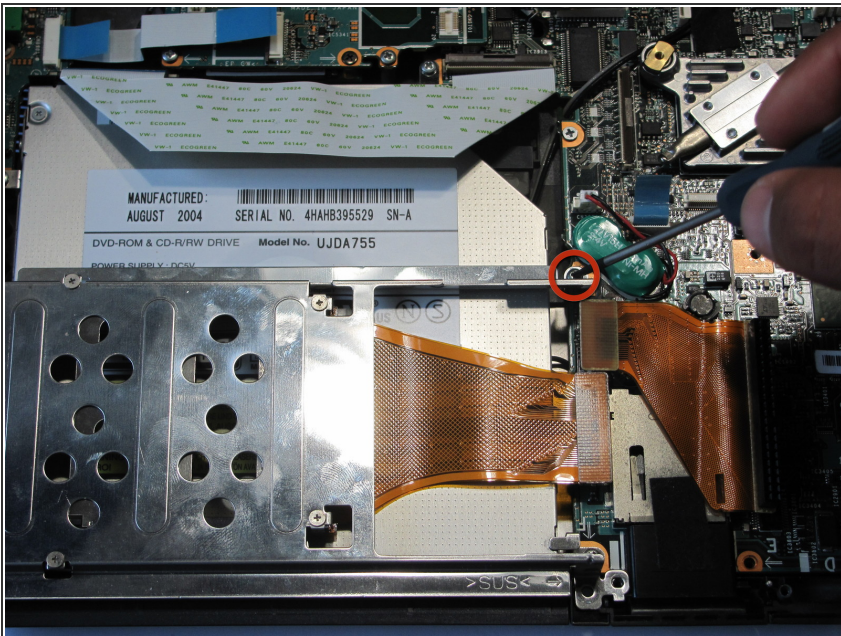
- Flip the laptop over so the Vaio logo is face up
- Use the spudger to pop up the upper casing
- ⚠ Do not lift too much as the Uppercasing is attached to wires underneath
- Remove the wires that are attaching the uppercasing to the motherboard

Step 11



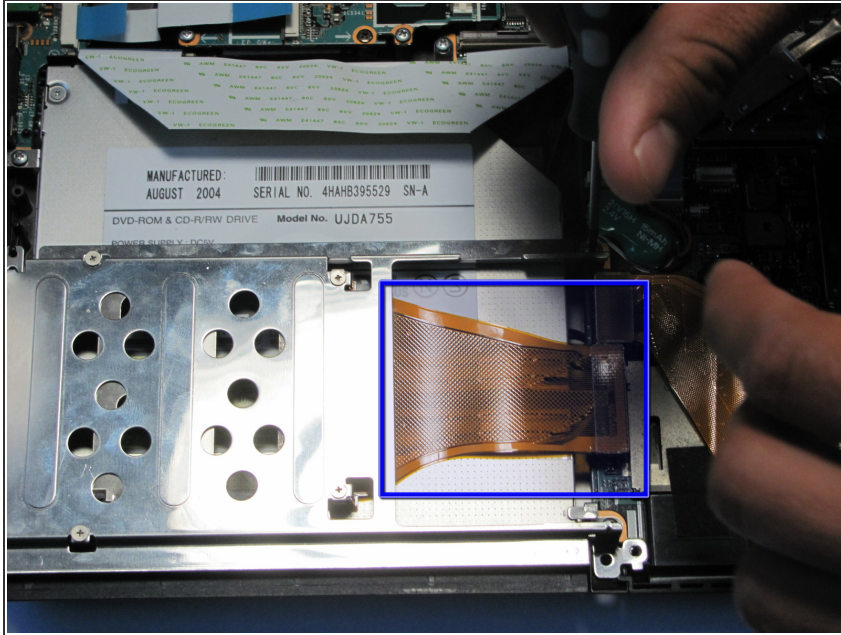
- Remove the uppercasing

Step 12 — Optical Drive



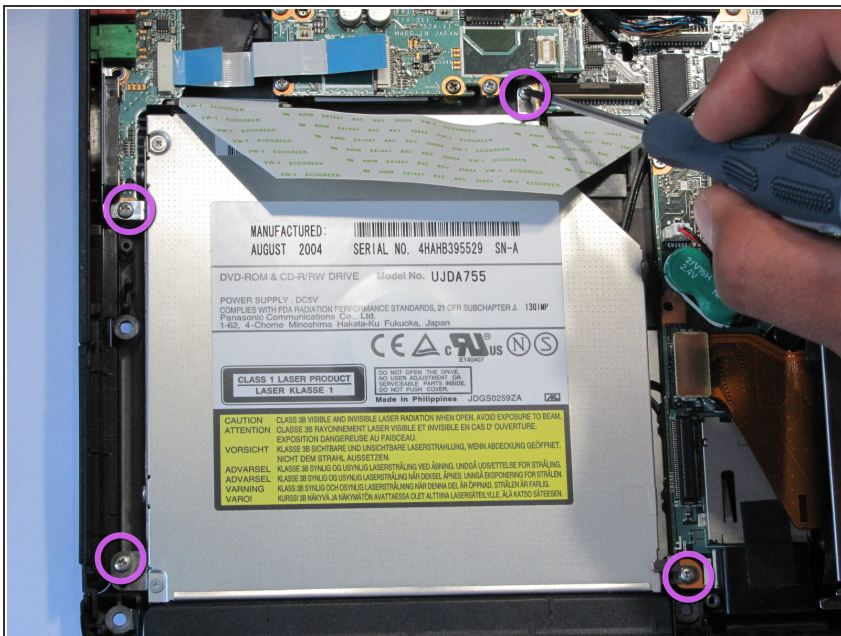
- Locate the screw holding the optical drive casing to the logic board
- Remove this screw

Step 13



- Locate ribbon connecting optical drive case to logic board.
- Pop off the ribbon
- Remove the metal PC-Card cage

Step 14



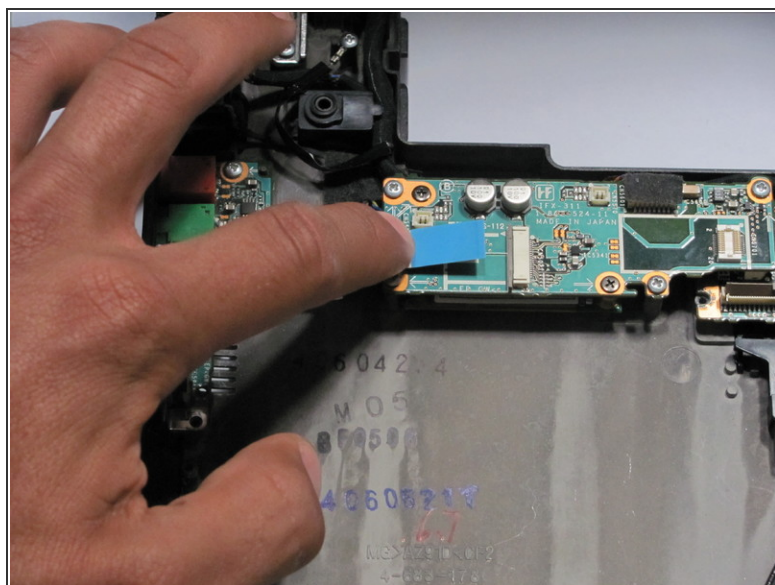
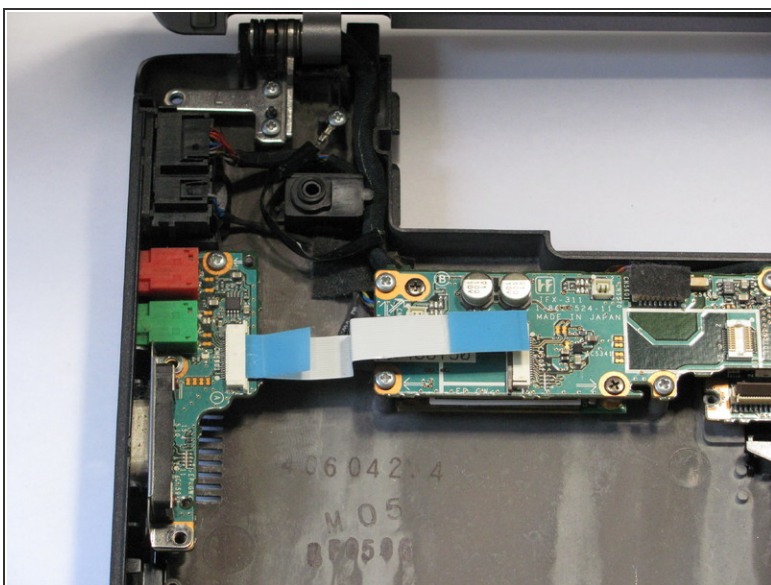
- Locate the four screws holding the optical drive to the logic board
- Remove the screws

Step 15



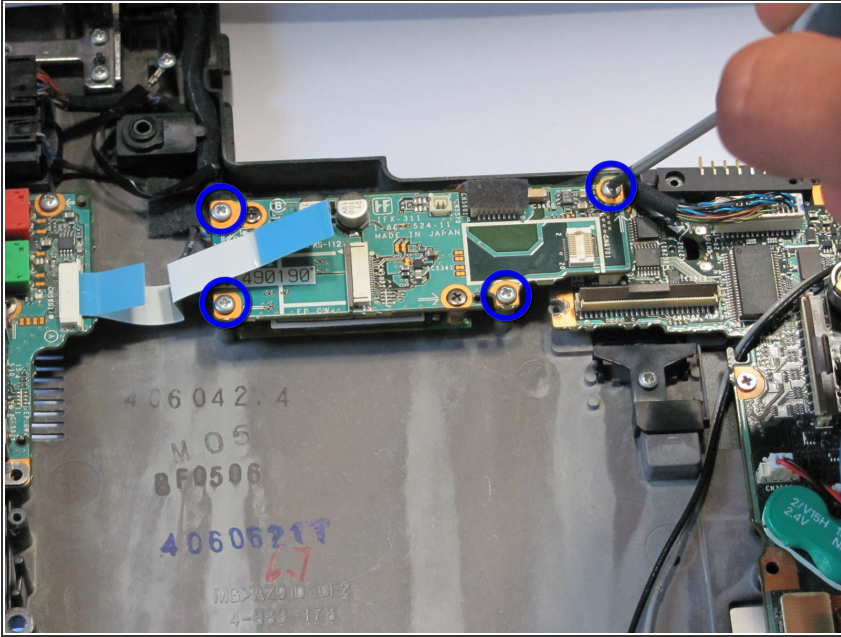
- Locate brown locking tab above optical drive.
- Lift up on brown locking tab until ribbon is loose
- Gently slide out and remove the optical drive from the computer

Step 16 — Ethernet Ports



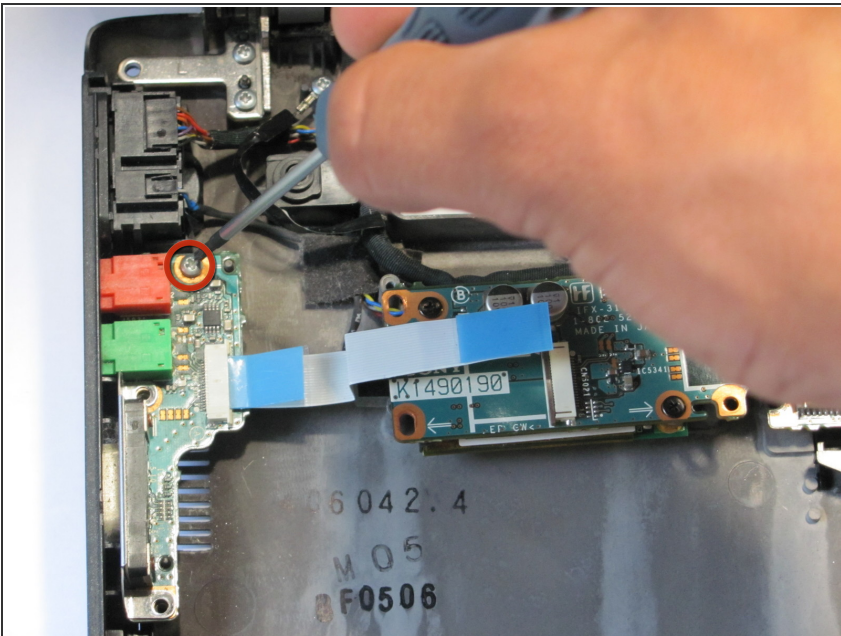
- Remove the blue ribbon from the Ethernet Circuit Board

Step 17



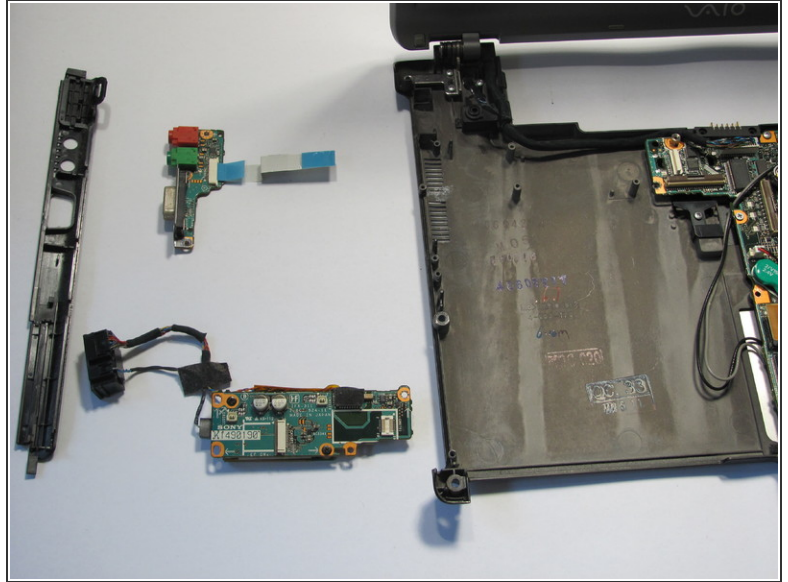
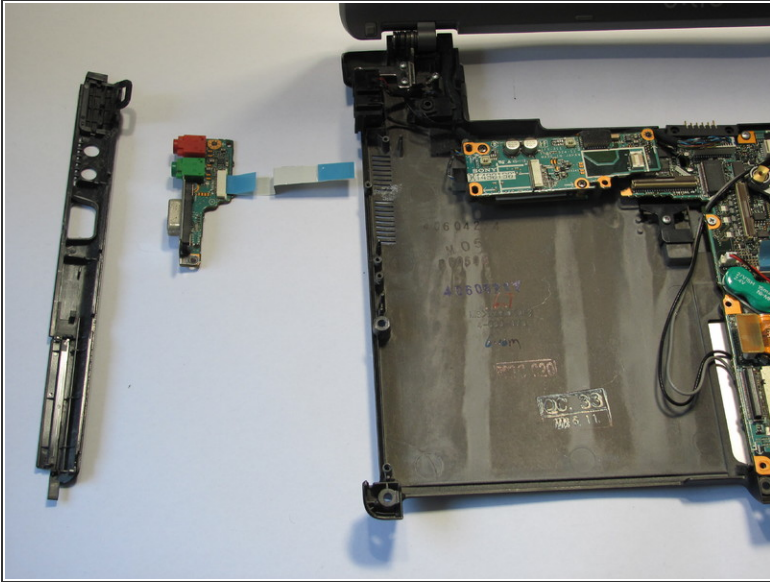
- Locate the screws near the Ethernet Port circuit board
- Remove the screws.

Step 18



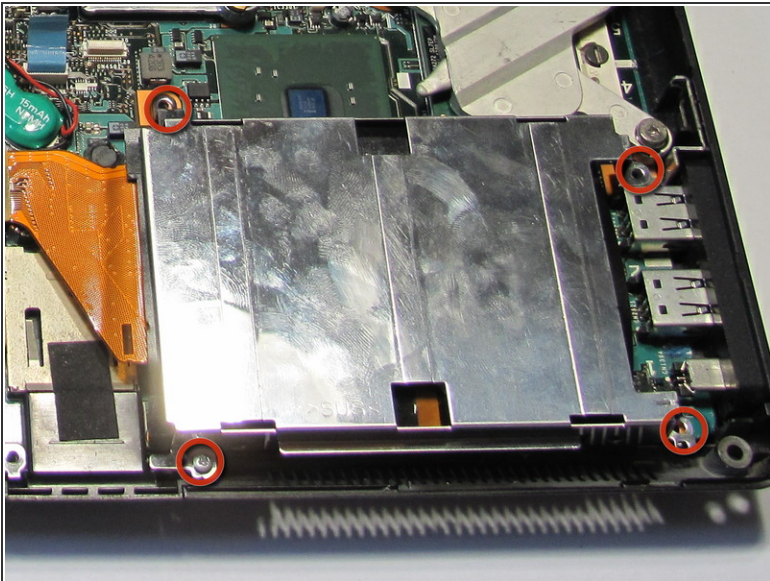
- Locate the screws for the second ethernet circuit board
- Remove the screws

Step 19



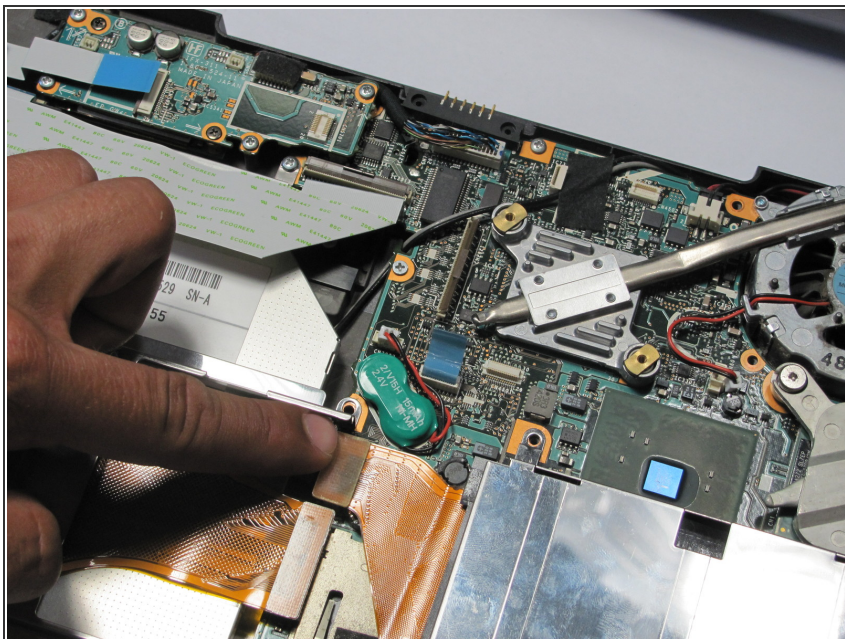
- Remove the ethernet ports

Step 20 — Hard Drive



- Locate the screws holding the hard drive casing in place.
- Remove the screws

Step 21



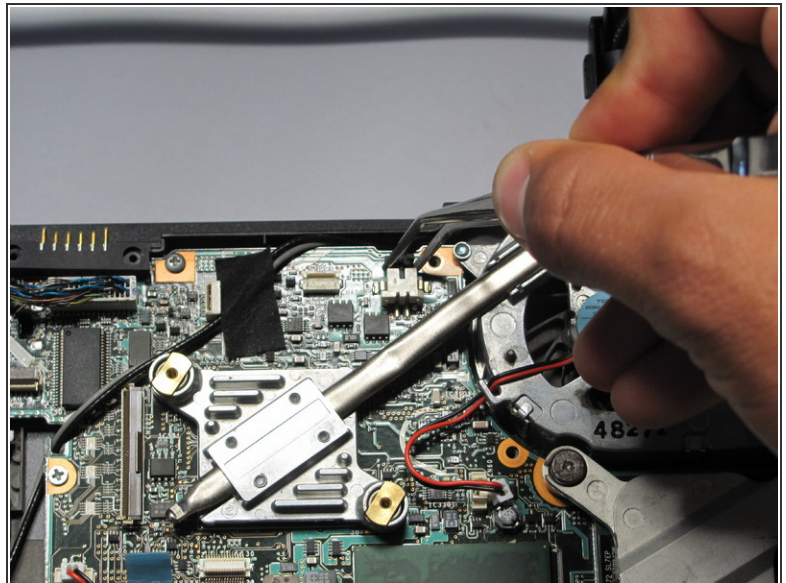
- Find orange ribbon that is connected to the hard drive.
- Find the holder of the ribbon and pop the ribbon off from it

Step 22



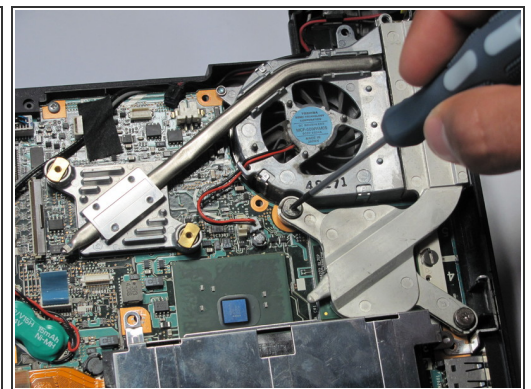
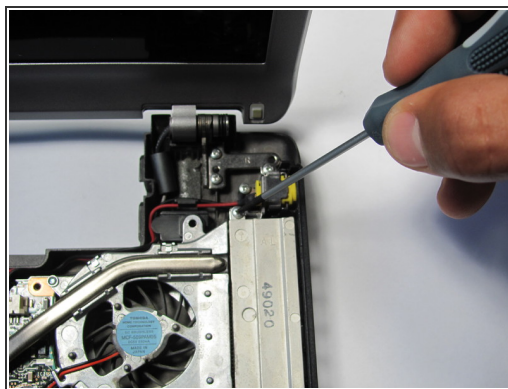
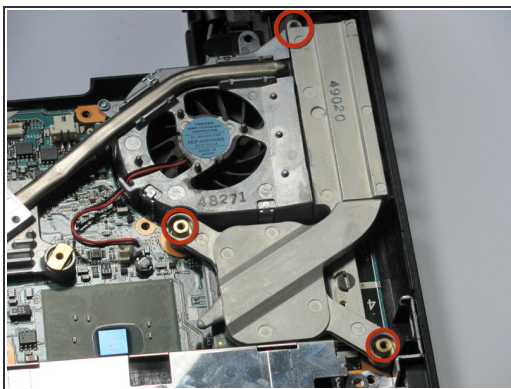
- Remove the casing and the orange ribbon

Step 23 — Power Adapter



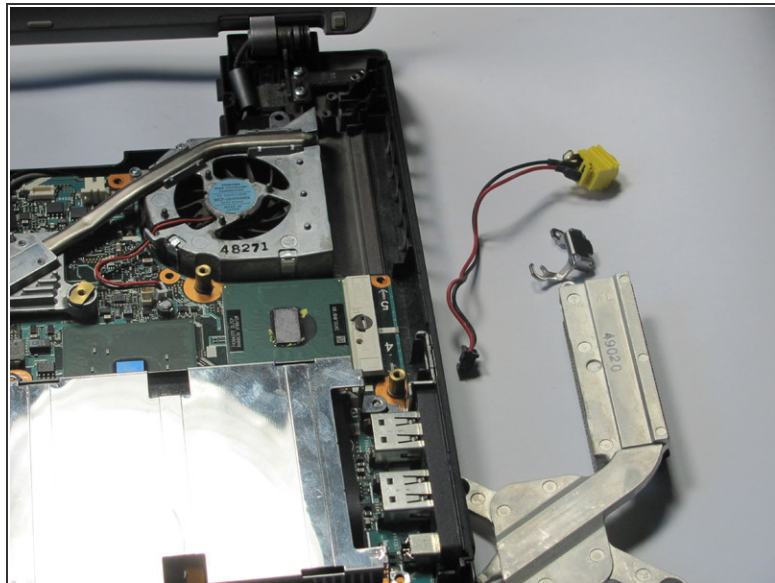
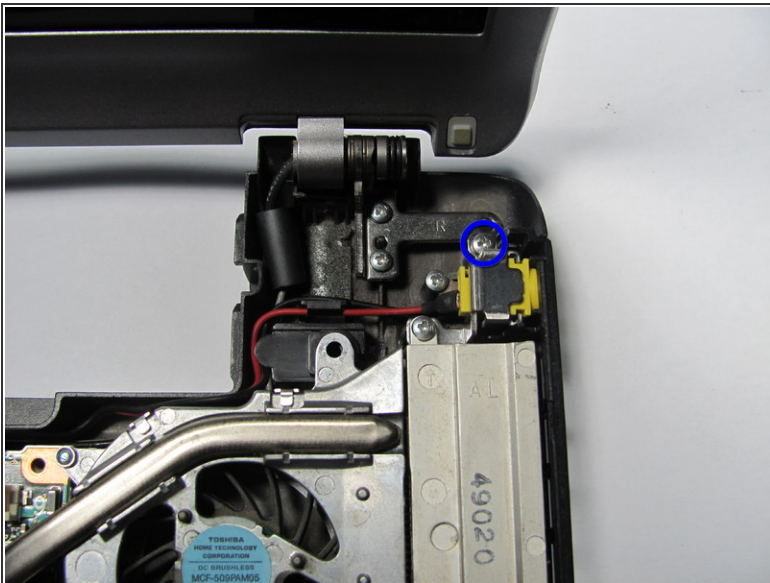
- Locate the yellow power adapter
- Follow its wire to white logic board connector
- Pull out the wire from white logic board connector

Step 24



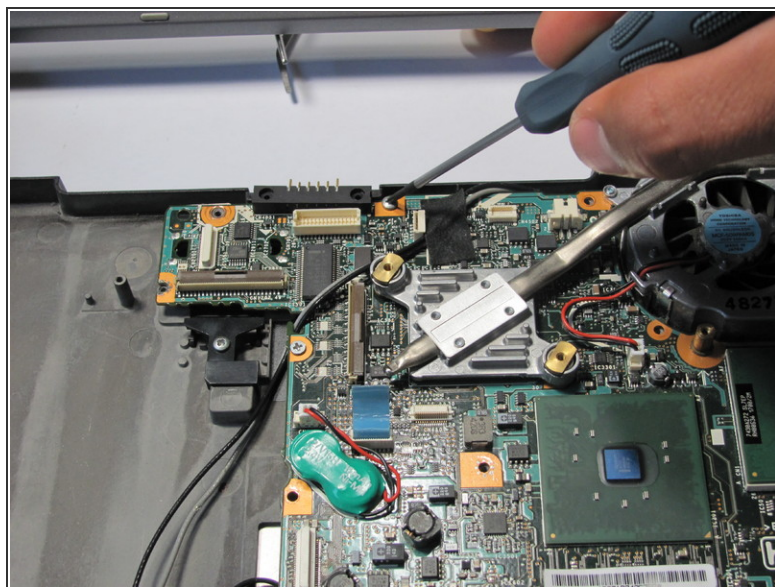
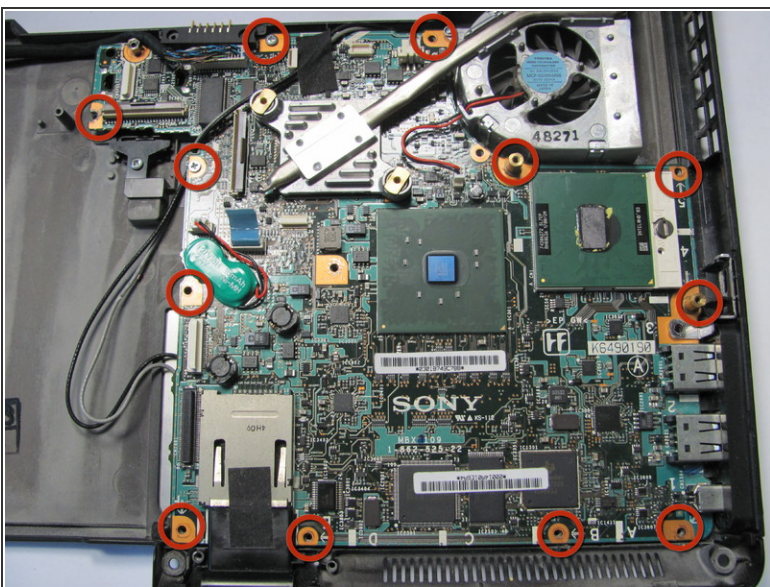
- Locate the screws on the fan filter casing
- Remove these screws

Step 25



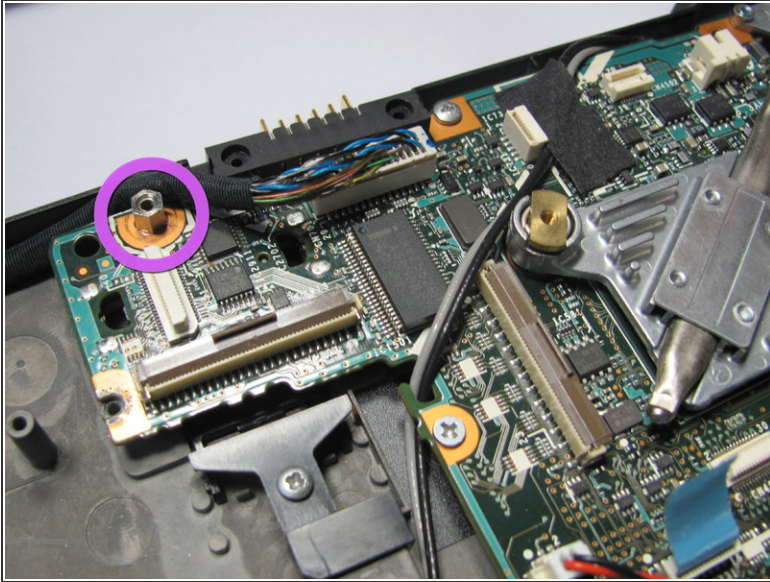
- Remove the screw next to the yellow power adapter
- Lift out power adapter and fan filter

Step 26 — Logic Board



- Locate screws on the logic board
- Remove the screws

Step 27





- Locate nut on logic board
- Take out the nut using the 5mm nut driver
- ⓘ Using a magnetic screwdriver handle will also work as well

Step 28



- Remove the LCD display ribbon


 It is helpful to use the spudger here

 This is difficult to remove

Step 29

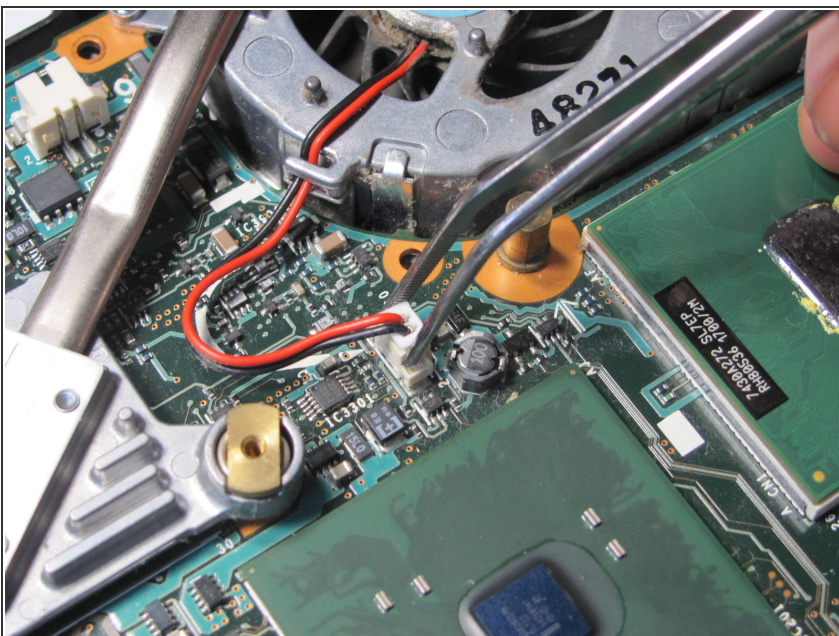


- Gently lift the logic board from the laptop.

 The logic board will be attached to the network wireless chip, which is also attached to the base of the laptop

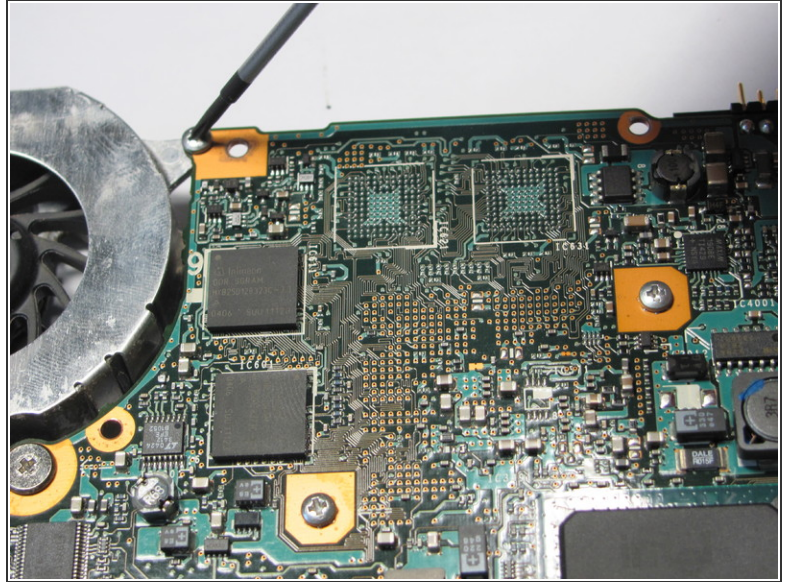
- Remove the chip by popping the tabs on the side
- Slide out the network card
- You are now free to take the logic board away from the base

Step 30 — Fan



- Disconnect the fan wire from the logic board

Step 31



- Turn the logic board over and Locate the screws connecting the fan to the logic board
- Remove these screws
- Gently remove the fan from the logic board

To reassemble your device, follow these instructions in reverse order.

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